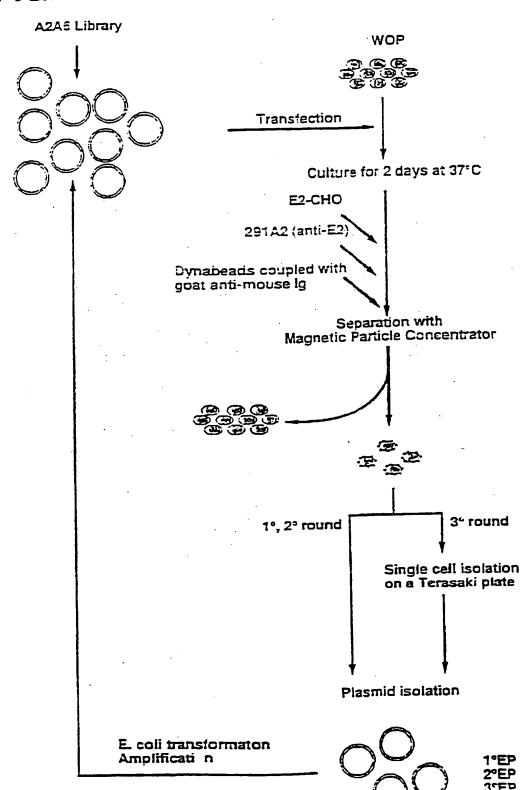




| | CY1 - | |
|--|---|----|
| Human Chimpanze Green Monkey Hamster Rat Mouse | MGVEGCTKCIKYLLFVFNFAGGVILGVALMTRHDPQTTNLLKTÆLGDKPAPNTFYVGIYILLIAVGAVPÆFVGFLGCYGALQESQCLLGTPPTCLVI S S N T S N S S S S S S S S S S S S S S | |
| | • | 1/ |
| Hunion Chimpanye Green Monkey Hamster Rai Mouse | QIAKDVKQFYDQALQQAVYDDBANNAKAVVKTFHETI.DCCGSSTLTALTTSVLKNNI.CPSGSNIISNLFKEDCHQKIDDLFSG F V N N N N N N N N N N N N | 17 |
| · | 1EX3 | |
| Human Chimpanzee Green Monkey Hamsier Rai | KLYLIGIAAIVVAVIHIPEHILSHVLCCGIRNSSV7 | |

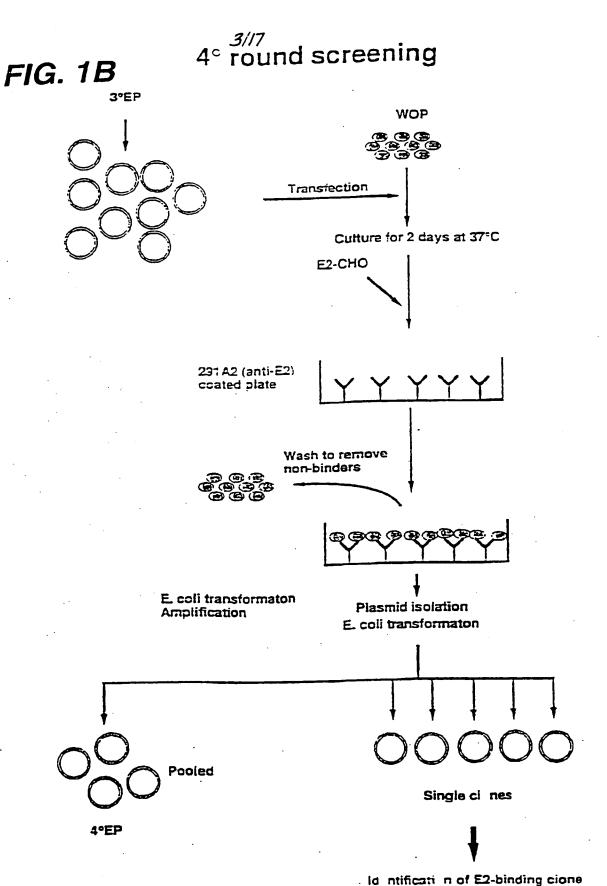
FIG. 1A

1°, 2°, 3° round screening

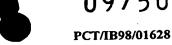


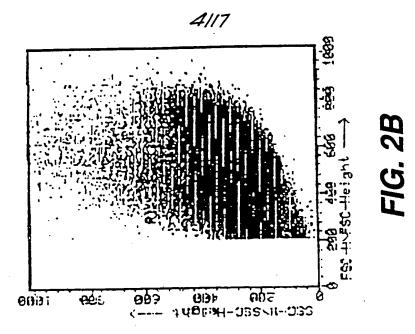
on FACScan

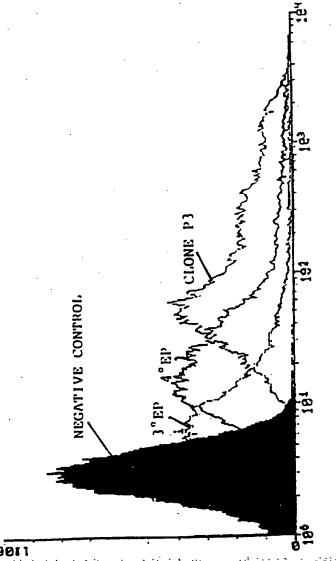




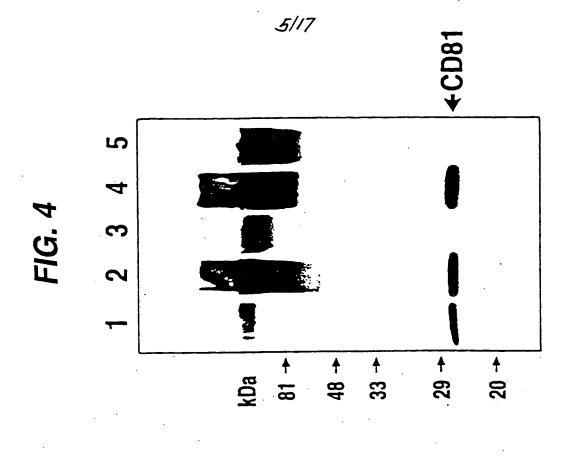








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100 80 60 40 0.1 1 10 100 E2 (µg/ml)

% Inhibition of anti-CD81 binding



FIG. 5

.GAGITCCTCGACGCTAACCTGGCCdGGCTCTGGATCCGGTGATGACGATGACAAGGTA ---Glu Phe Leu Asp Ala Asn Leu Ala Gly Ser Gly Ser Gly Asp Asp Asp Lys Val Enterokinase recognition Thioredoxin ←

sequence Enterokinase clcavage site

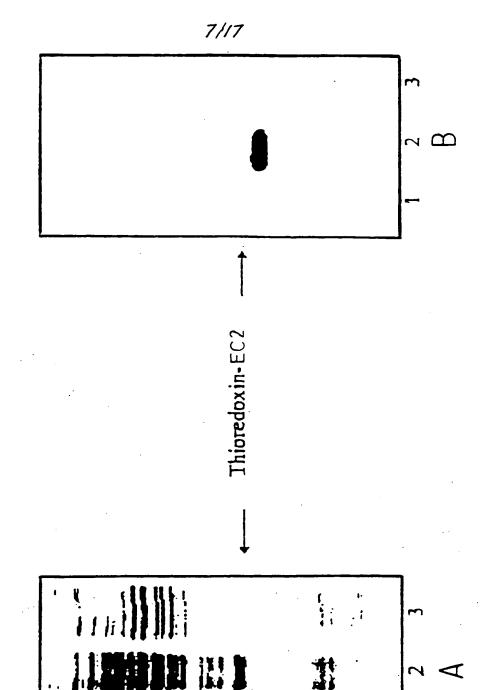
<u> COTGGCATGCTGAGCTTGAGCTTTGTCAACAAGGACCAGATCGCCAAGGATGTGAAGCAG</u> Pro Gly Met Leu Ser Ser Phe Val Asn Lys Asp Gln Ile Ala Lys Asp Val Lys Gln

XhoI

Phe Tyr Asp Gln Ala Leu Gln Gln Ala Val Val Asp Asp Asp Ala Asn Asn Ala Lys Ala **ITCTATGACCAGGCCCTACAGCAGGCCGTGGTGGATG**ATGACGCCAACAACGCCAAGGCT

Val Val Lys Thr Phe His Glu Thr Leu Asp Cys Cys Gly Ser Ser Thr Leu Thr Ala Leu **ACCACCTCAGTGCTCAAGAACAATTTGTGTCCCTCGGGCAGCAACATCATCAGCAACCTC** Thr Thr Ser Val Leu Lys Asn Asn Leu Cys Pro Ser Gly Ser Asn Ile Ile Ser Asn Leu **TICAAGGAGGACTGCCACCAGAAGATCGATGACCTCTTCTCCGGGAAGCTGTGAAAGCTT** Phe Lys Glu Asp Cys His Glu Lys Ile Asp Asp Leu Phe Ser Gly Lys Leu End

PCT/IB98/01628



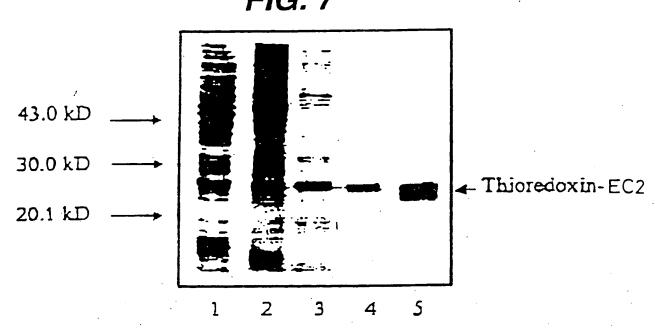
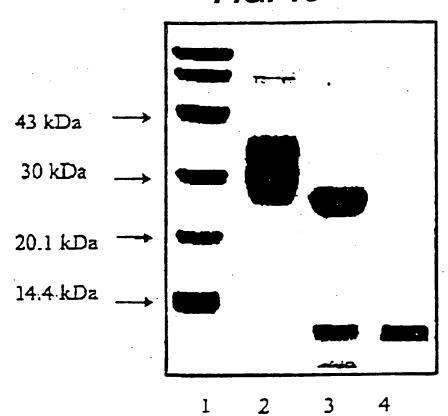


FIG. 10



Thrombla cleavage

CTGGTTCCGCGTCGCCCGGGAA1TTCC GGTGGTGGTGGTGGAA1TICTALeu Val Pro Arg Gly Ser Pro Gly Ile Ser Gly Gly Gly Gly Gly Ile Leu Eco RI

Thrombin recognition sequence

→EC2

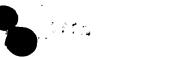
ITTGTCAACAAGGACCAGATCGCCAAGGATGTGAAGCAG TTCTATGACCAGGCCCTACAG Phe Val Asn Lys Asp Gin Ile Ala Lys Asp Val Lys Gln Phe Tyr Asp Gln Ala Leu Gln CAGGCCGTGGATGATGACGCCAACAACGCCAAGGCCTCTGCAGACCTTCCACGAG Gln Ala Val Val Asp Asp Asp Ala Asn Asn Ala Lys Ala Val Val Lys Thr Phe His Glu

ACGCTTGACTGCTGTGGCTCCAGCACACTGACTGCTTTGACCACCTCAGTGCTCAAGAAC Thr Leu Asp Cys Cys Gly Ser Ser Thr Leu Thr Ala Leu Thr Thr Ser Val Leu Lys Asn **AATTIGIGICCCICGGGCAGCAACATCATCAGCAACCTCTTCAAGGAGGACTGCCACCAG** Asn Leu Cys Pro Ser Gly Ser Asn Ile Ile Ser Asn Leu Phe Lys Glu Asp Cys His Gln

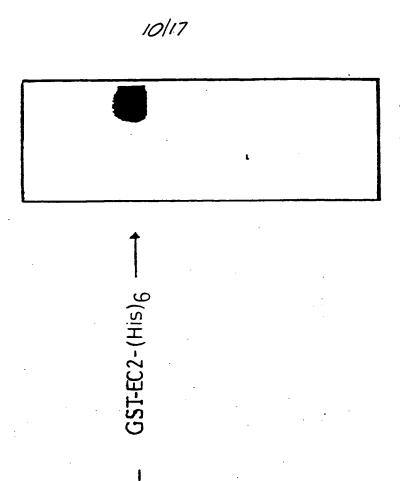
AAGATCGATGACCTCTTCTCCGGGAAGCTGCATCATCAT CATCATTGAAAGCTT Lys lle Asp Asp Leu Phe Ser Gly Lys Leu His His His His His His End Hexabistidine tag



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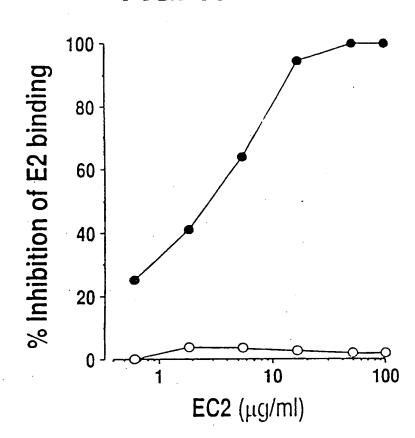


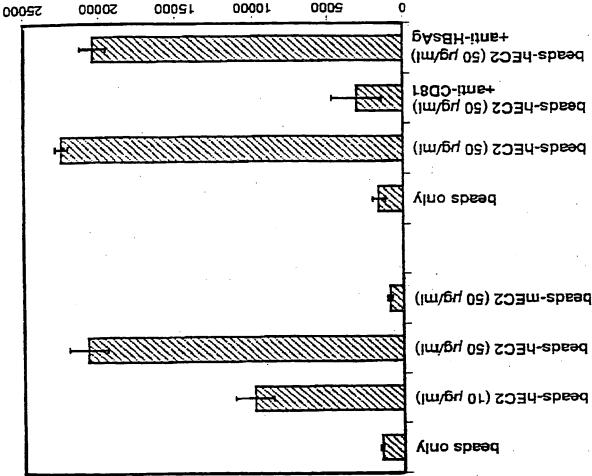




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FIG. 11



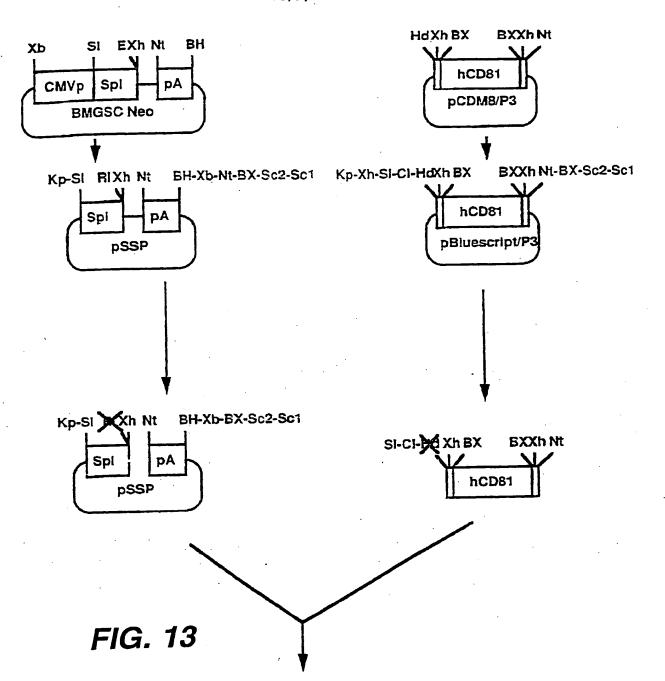


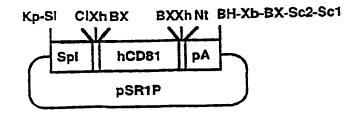
HCV RNA molecules bound to beads

WO 99/18198

8

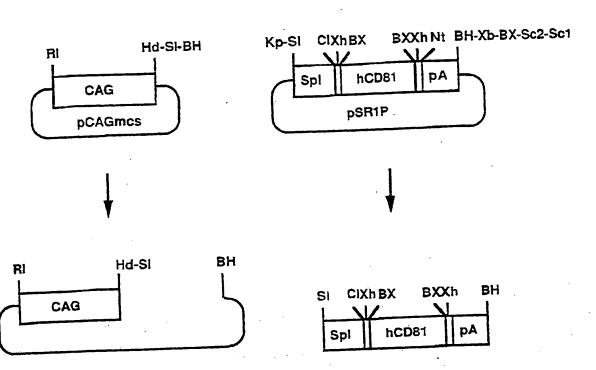


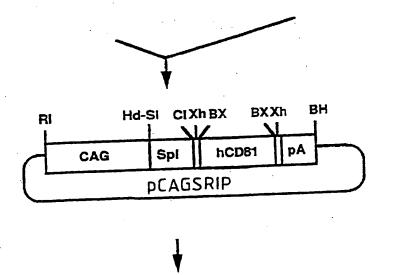






09/509612 PCT/IB98/01628





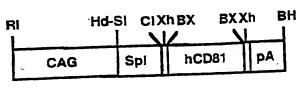
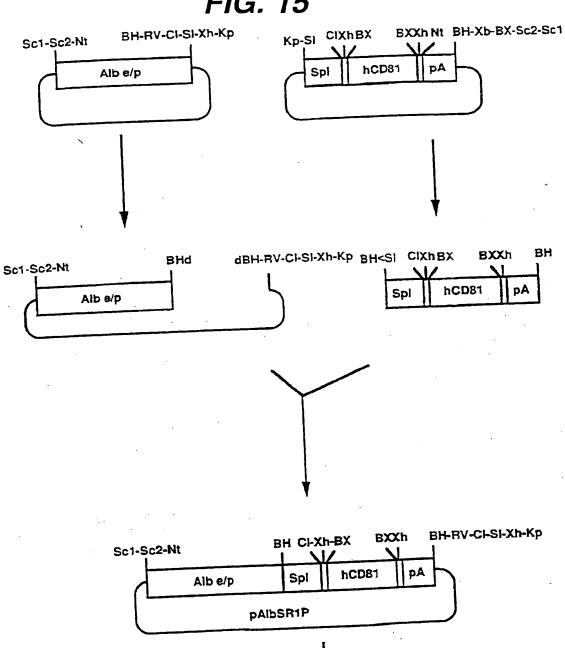


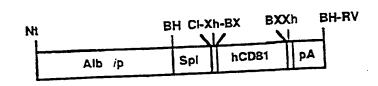
FIG. 14





FIG. 15









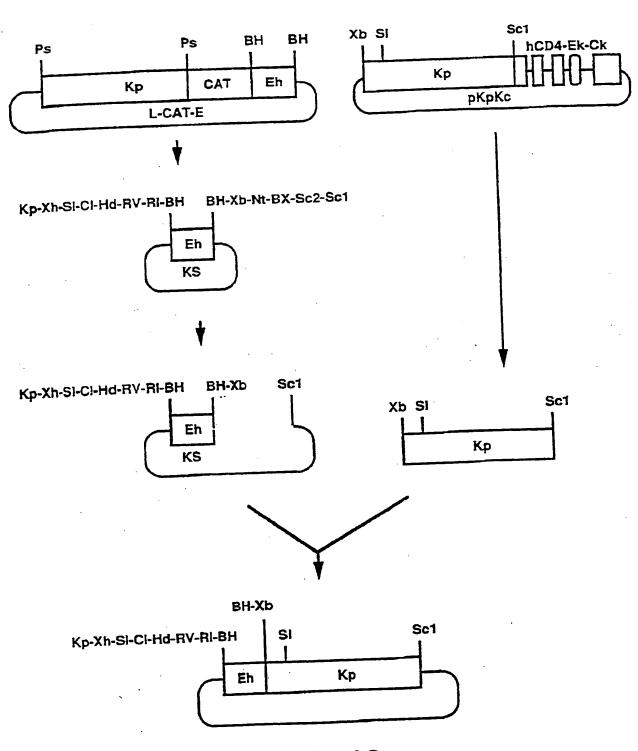


FIG. 16





FIG. 17

